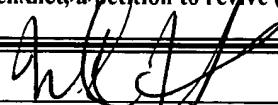


FORM PTO 1390 (REV 5-93) US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 2006_1115A
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. §371		U.S. APPLICATION NO. <b>10/7585780</b> (If known, see 37 CFR 1.471)
International Application No. PCT/JP2005/000734	International Filing Date January 14, 2005	Priority Date Claimed January 15, 2004
<b>Title of Invention</b> DIFFUSION BARRIER ALLOY FILM, METHOD OF MANUFACTURING THE SAME, AND HIGH-TEMPERATURE APPARATUS MEMBER		
Applicant(s) For DO/EO/US Toshio NARITA et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. §371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. §371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. §371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau, as indicated on the attached Form PCT/IB/308. <b>ATTACHMENT A</b></li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ul> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. §371(c)(2)). <b>ATTACHMENT B</b></li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19.</li> <li>9. <input checked="" type="checkbox"/> An <u>unexecuted</u> oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). <b>ATTACHMENT C</b></li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).</li> </ol>		
<b>Items 11. to 14. below concern other document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <b>ATTACHMENT D</b></li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <b>ATTACHMENT E</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> </ul> </li> <li>14. <input checked="" type="checkbox"/> Other items or information: Form PCT/IB/304. <b>ATTACHMENT F</b></li> </ol>		
THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975		

10/585780

AP20 Rec'd PCT/PTO 11 JUL 2006

U.S. APPLICATION NO. (if known, see 37 CFR 1.3) NEW		INTERNATIONAL APPLICATION NO. PCT/JP2005/000734	ATTORNEY'S DOCKET NO. 2006_1115A	
15. [X] The following fees are submitted				CALCULATIONS
Basic National Stage Fee .....		\$300.00		PTO USE ONLY
National Stage Search Fee (International Search Report provided - 37 CFR 1.492(b)(2)) .....		\$400.00		
National Stage Examination Fee .....		\$200.00		
Specification/drawings in excess of 100 pages ( units of 50 x \$250.00) = .....		\$		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$900.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$		
Claims	Number Filed	Number Extra	Rate	
Total Claims	41 - 20 =	21	X \$50.00	\$1,050.00
Independent Claims	9 - 3 =	6	X \$200.00	\$1,200.00
Multiple dependent claim(s) (if applicable)		+ \$360.00		\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$3,150.00		
[ ] Small Entity Status is hereby asserted. Above fees are reduced by 1/2.		\$		
<b>SUBTOTAL =</b>		\$3,150.00		
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$		
<b>TOTAL NATIONAL FEE =</b>		\$3,150.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +		\$		
<b>TOTAL FEES ENCLOSED =</b>		\$3,150.00		
		Amount to be refunded	\$	
		Amount to be charged	\$	
<p>a. [X] A check in the amount of <u>\$3,150.00</u> to cover the above fees is enclosed. A duplicate copy of this form is enclosed.</p> <p>b. [ ] Please charge my Deposit Account No. 23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [ ] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u>.</p>				
<b>THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCO</b> <b>ANT 23-0975</b>				
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>				
19. CORRESPONDENCE ADDRESS		<p>By: </p> <p>W. Douglas Hahm, Registration No. 44,142</p> <p>WENDEROTH, LIND &amp; PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250</p> <p>July 11, 2006</p>		
CUSTOMER NO.		<p>[CHECK NO.] <u>75037</u> [2006_1115A]</p>		